

ENMAR MARINE REFRIGERATION PE

PRODUCT DESCRIPTION

ENMAR MARINE REFRIGERATION PE is a synthetic refrigeration lubricant based on alkylated benzenes. It has excellent high temperature and oxidation stability providing long service life even where high compressor discharge temperatures are found. In addition it is formulated to provide excellent control of deposit and sludge formation resulting in extended oil drain intervals in comparison with mineral oil based refrigerator oils.

APPLICATIONS

- They are specifically designed for use with refrigeration systems using R134a, R404a, R407c and R410a as refrigerants.
- Industrial refrigeration equipment.
- Reciprocating and rotary refrigeration compressors.
- Business/domestic and office air conditioning systems.

BENEFITS

ENMAR MARINE REFRIGERATION PE provides:

- Reduced downtime by maintaining clean working surfaces.
- Prevention of waxy and gummy deposits through high oil thermal stability.
- Very good miscibility with refrigerants for good lubrication.
- Extended oil service life, excellent resistance to oxidation.
- Low pour and floc points and miscibility with refrigerants.

Technical Data *				
ENMAR MARINE REFRIGERATION PE				
ISO GRADE	32	68	100	
Kinematic Viscosity ASTM D445				
mm ² /s @ 100°C	5.8	8.7	11.6	
mm ² /s @ 40°C	32.4	68.2	100.6	
Density at 15°C, g/cm ³ ASTM D1298	0.870	0.871	0.869	
Flash Point, °C ASTM D92	Min. 170	Min. 180	Min. 190	
Pour Point, °C ASTM D97	Max. -42	Max. -36	Max. -33	
Neutralization Number, mg KOH/g	<0.04	<0.04	<0.04	

* The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible.

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENMAR Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.